

1

ABSTRACT OF THE DISCLOSURE

2 A projection display device having a light source
3 and a light pipe is disclosed. The light pipe is
4 deviated from the optical axis of the light source a
5 predetermined distance. Therefore, the distribution of
6 lights with a virtual arc array, transmitted by the light
7 pipe, is asymmetrical, to increase intensity and
8 uniformity of the projection display device.

9